

Docket S-8494 (1502-88 PCT US)

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AMENDMENTS TO THE CLAIMS

Please cancel claims 1-7, and amend claims 14, 20, 21, and 22, as follows.

Cancel claims 1-7.

8. (Previously Presented) A method for lubricating hypodermic needles comprising: applying a coating mixture comprising a radiation curable silicone having epoxy pendant groups, a secondary silicone component other than a radiation curable silicone having epoxy pendant groups, a photoinitiator and vinyl ether to a penetrating surface of a hypodermic needle; and curing said coating by exposure to radiation.
9. (Original) The method according to claim 8 wherein said radiation is selected from the group consisting of: ultraviolet light, electron beam and gamma radiation.
10. (Original) The method according to claim 8 wherein said coating is applied to said hypodermic needle by at least one of: i) dipping, ii) spraying, iii) padding, and iv) passing through a flowing cascade.
11. (Previously Presented) The method according to claim 8 wherein said vinyl ether is selected from the group consisting of monovinyl ether of 2-ethyl-1-hexanol, monovinyl ether of n-dodecanol, and divinyl ether of 1, 4-cyclohexanedimethanol.
12. (Cancelled).

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13. (Previously Presented) The method according to claim 8 wherein said photoinitiator is selected from the group consisting of diaryliodonium tetrakis (pentafluorophenyl) borate salt, bis(dodecylphenyl) iodonium hexafluoroantimonate, bis(dodecylphenyl) iodonium hexafluoroarsenate and (4-octyloxyphenyl) (phenyl) iodonium hexafluoroantimonate.

14. (Currently Amended) The method according to claim 8 wherein said secondary silicone component is selected from the group consisting of polydimethylsiloxane, polymethyltrimethoxy silane, polymethyltrianetoxy silane, poly (silicone chloride), ~~poly (vinyl trimethoxy silane, poly bis (trimethoxysilyl) propyl amine, poly gamma-ureidopropyl trimethoxy silane, poly organosilane ester tri (3 trimethoxysilyl) propyl isocyanurate, a poly fluorosilicone, or the like.~~ poly (vinyl trimethoxy silane), poly [bis (trimethoxysilyl) propyl amine], poly (gamma-ureidopropyl trimethoxy silane), an ester of tri (3-(trimethoxysilyl) propyl) isocyanurate, a poly (fluorosilicone), or the like.

15. (Original) The method according to claim 8 further comprising the step of packaging said hypodermic needle in a sealed case prior to radiating said coating.

16. (Previously Presented) A method for lubricating hypodermic needles comprising: applying a first coating mixture comprising a radiation curable silicone, having epoxy pendant groups, a secondary silicone component other than a silicone having epoxy pendant groups, a photoinitiator and a vinyl ether to a penetrating surface of a hypodermic needle;

curing said first coating by exposure to radiation; and

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applying a second coating mixture comprising a secondary silicone component other than a silicone having epoxy pendant groups, dispersed in a carrier solvent.

17. (Previously Presented) The method according to claim 16 wherein said vinyl ether in said first coating is selected from the group consisting of monovinyl ether of 2-ethyl-1-hexanol, monovinyl ether of n-dodecanol and divinyl ether of 1,4-cyclohexanedimethanol.

18. (Cancelled)

19. (Previously Presented) The method according to claim 16 wherein said photoinitiator in said first coating is selected from the group consisting of diaryliodonium tetrakis (pentafluorophenyl) borate salt, bis(dodecylphenyl) iodonium hexafluoroantimonate, bis(dodecylphenyl) iodonium hexafluoroarsenate and (4-octyloxyphenyl) (phenyl) iodonium hexafluoroantimonate.

20. (Currently Amended) The method according to claim 16 wherein said secondary silicone component in said first coating is selected from the group consisting of polydimethylsiloxane, polymethyltrimethoxy silane, polymethyltriacetoxysilane, poly (silicone chloride), ~~poly (vinyl trimethoxy silane), poly bis (trimethoxysilyl) propyl amine, poly gamma ureidopropyl trimethoxy silane, poly organosilane ester tri (3 trimethoxysilyl) propyl isocyanurate, a poly fluorosilicone, or the like.~~ poly (vinyl trimethoxy silane), poly [bis (trimethoxysilyl) propyl amine], poly (gamma-ureidopropyl trimethoxy silane), an ester

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of tri (3-(trimethoxysilyl) propyl) isocyanurate, a poly (fluorosilicone), or the like.

21. (Currently Amended) The method according to claim 16 wherein said secondary silicone component in said second coating is selected from the group consisting of polydimethylsiloxane, polymethyltrimethoxy silane, polymethyltriacetoxysilane, poly (silicone chloride), ~~poly (vinyl trimethoxy silane, poly bis (trimethoxysilyl) propyl amine, poly gamma-ureidopropyl trimethoxy silane, poly organosilane ester tri (3-trimethoxysilyl) propyl isocyanurate, a poly fluorosilicone, or the like.~~ poly (vinyl trimethoxy silane), poly [bis (trimethoxysilyl) propyl amine], poly (gamma-ureidopropyl trimethoxy silane), an ester of tri (3- (trimethoxysilyl) propyl) isocyanurate, a poly (fluorosilicone), or the like.

22. (Currently Amended) The method according to claim 16 wherein said secondary silicone component in said second coating is a mixture of at least two silicone components selected from the group consisting of polydimethylsiloxane, polymethyltrimethoxy silane, polymethyltriacetoxysilane, poly (silicone chloride), ~~poly (vinyl trimethoxy silane, poly bis(trimethoxysilyl) propyl amine, poly gamma-ureidopropyl trimethoxy silane, poly organosilane ester tri (3-trimethoxysilyl) propyl isocyanurate, a poly fluorosilicone, or the like.~~ poly (vinyl trimethoxy silane), poly [bis (trimethoxysilyl) propyl amine], poly (gamma-ureidopropyl trimethoxy silane), an ester of tri (3-(trimethoxysilyl) propyl) isocyanurate, a poly (fluorosilicone), or the like.